AMENDMENT TO THE CLAIMS

1.   (Currently Amended) A computer ~~readable~~ storage medium having
instructions for validating data in a database system, the
instructions comprising:

     instantiating a property of ~~an~~ first object as a second
          object;

     obtaining constraint information pertaining to the property
          to be validated; and

     applying constraint information to a property of the second
          object to ascertain if the property is validated.

2.   (Currently Amended) The computer ~~readable~~ storage medium of
     claim 1
wherein the constraint information comprises a function of the
value of the property, and wherein applying constraint information
comprises comparing a received value for the property to the
constraint information.

3.   (Currently Amended) The computer ~~readable~~ storage medium of
claim 1 wherein the constraint information comprises a function of
status of a second property, and wherein applying constraint
information comprises examining the status of the second property.

4.   (Currently Amended) The computer ~~readable~~ storage medium of
claim 3 wherein the status of the second property comprises
whether its value can be changed.

5.   (Currently Amended) The computer ~~readable~~ storage medium of
claim 4 wherein the status of the second property comprises
whether its value is valid.

6. (Currently Amended) The computer ~~readable~~ storage medium of claim 1 and further comprising setting the value of the property if the constraint information is met.

7. (Currently Amended) The computer ~~readable~~ storage medium of claim 6 and further comprising issuing an event indicating the property is valid.

8. (Currently Amended) The computer ~~readable~~ storage medium of claim 1 and further comprising issuing an exception if the constraint information is not met.

9. (Currently Amended) The computer ~~readable~~ storage medium of claim 1 and further comprising issuing an event indicating the property value is changing.

10. (Currently Amended) The computer ~~readable~~ storage medium of claim 1 and further comprising issuing an event indicating whether the property value is changeable.

11. (Currently Amended) The computer ~~readable~~ storage medium of claim 1 and further comprising obtaining a current value of the property.

12. (Currently Amended) A computer ~~readable~~ storage medium having instructions comprising a framework for validating data in a database system, the instructions comprising:

    identifying at least one property of an entity to be validated;

    identifying constraint information to be used for ascertaining if said at least one property is valid; and

    forming an object of said at least one property upon

execution of said instructions in order to perform validation.

13. (Currently Amended) The computer ~~readable~~ storage medium of claim 12 and further comprising identifying a validator of a function of a type of said at least one property, the validator being of a class of validators.

14. (Currently Amended) The computer ~~readable~~ storage medium of claim 12 and further comprising identifying events to be issued during validation.

15. (Currently Amended) The computer ~~readable~~ storage medium of claim 14 wherein an event to be issued comprises a notification that a value of the property is changing.

16. (Currently Amended) The computer ~~readable~~ storage medium of claim 14 wherein an event to be issued comprises a notification that a value of the property has changed.

17. (Currently Amended) The computer ~~readable~~ storage medium of claim 14 wherein an event to be issued comprises a status of the property has changed.

18. (Currently Amended) The computer ~~readable~~ storage medium of claim 17 wherein the status comprises whether the value of the property is changeable.

19. (Currently Amended) The computer ~~readable~~ storage medium of claim 18 wherein the status comprises whether the value of the property is valid.

20.   (Currently Amended) The computer ~~readable~~ storage medium of claim 12 wherein identifying constraint information comprises identifying valid criteria for a value of the property.

21.   (Currently Amended) The computer ~~readable~~ storage medium of claim 12 wherein identifying constraint information comprises identifying criteria of when a value of the property can be changed.

22.   (Currently Amended) The computer ~~readable~~ storage medium of claim 21 wherein the criteria identifies that the value can be changed anytime upon execution of the instructions.

23.   (Currently Amended) The computer ~~readable~~ storage medium of claim 21 wherein the criteria identifies that the value can be changed as a function of creation of a corresponding entity.

25.   (Currently Amended) The computer ~~readable~~ storage medium of claim 21 wherein the criteria identifies that the value can be changed as a function of a status value of another property.

26.   (Currently Amended) The computer ~~readable~~ storage medium of claim 25 wherein the status value comprises whether said another property is changeable.

27. (Currently Amended) The computer ~~readable~~ storage medium of claim 26 wherein the status value comprises whether said another property is valid.